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Search scope: US Granted US Applications EP-A EP-B WO JP (bibliographic data only) DE-C,B DE-A DE-T DE-U GB-A FR-A
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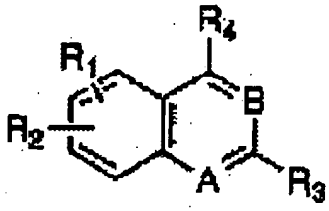

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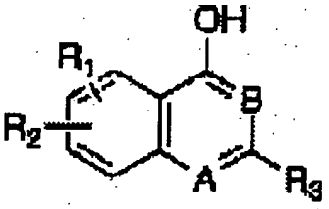

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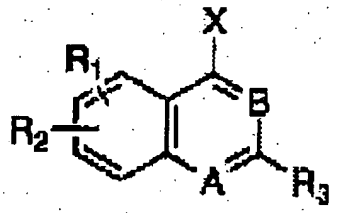

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JP08003144 A
QUINAZOLINE AND QUINOLINE DERIVATIVE
CHUGAI PHARMACEUT CO LTD

Abstract:

PURPOSE: To obtain the subject new compound, having actions as a potassium channel opener and useful as a vasodilator capable of manifesting strong vasodilator actions. CONSTITUTION: This compound is expressed by formula I [A and B are each N or CH; R_1 and R_2 are each H, a lower alkyl, a lower haloalkyl, a lower alkoxy, etc.; R_3 is H, a (substituted) lower alkyl or a (substituted) aryl; R_4 is a heterocyclic ring group, a carbamide, a carbothioamide, a cyanamide, etc.] and its pharmaceutically permissible salt, e.g. 2-ethyl- 4-(1,2-dihydro-2- oxopyridyl)-6-nitroquinazoline. The compound of formula I is obtained by reacting a compound of formula II with a phosphorus halide, a phosphoryl halide or a thionyl halide, providing a compound of formula III (X is a halogen) and then reacting the resultant compound with a compound of the formula, R_4H in the presence of a suitable base in an inert solvent at 0-150° C.

Inventor(s):

KOGA HIROSHI
ISHIZAWA TAKENOBU

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Patents Citing This One (1):

* WO9854148 A2 19981203 ISIS INNOVATION LIMITED
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